

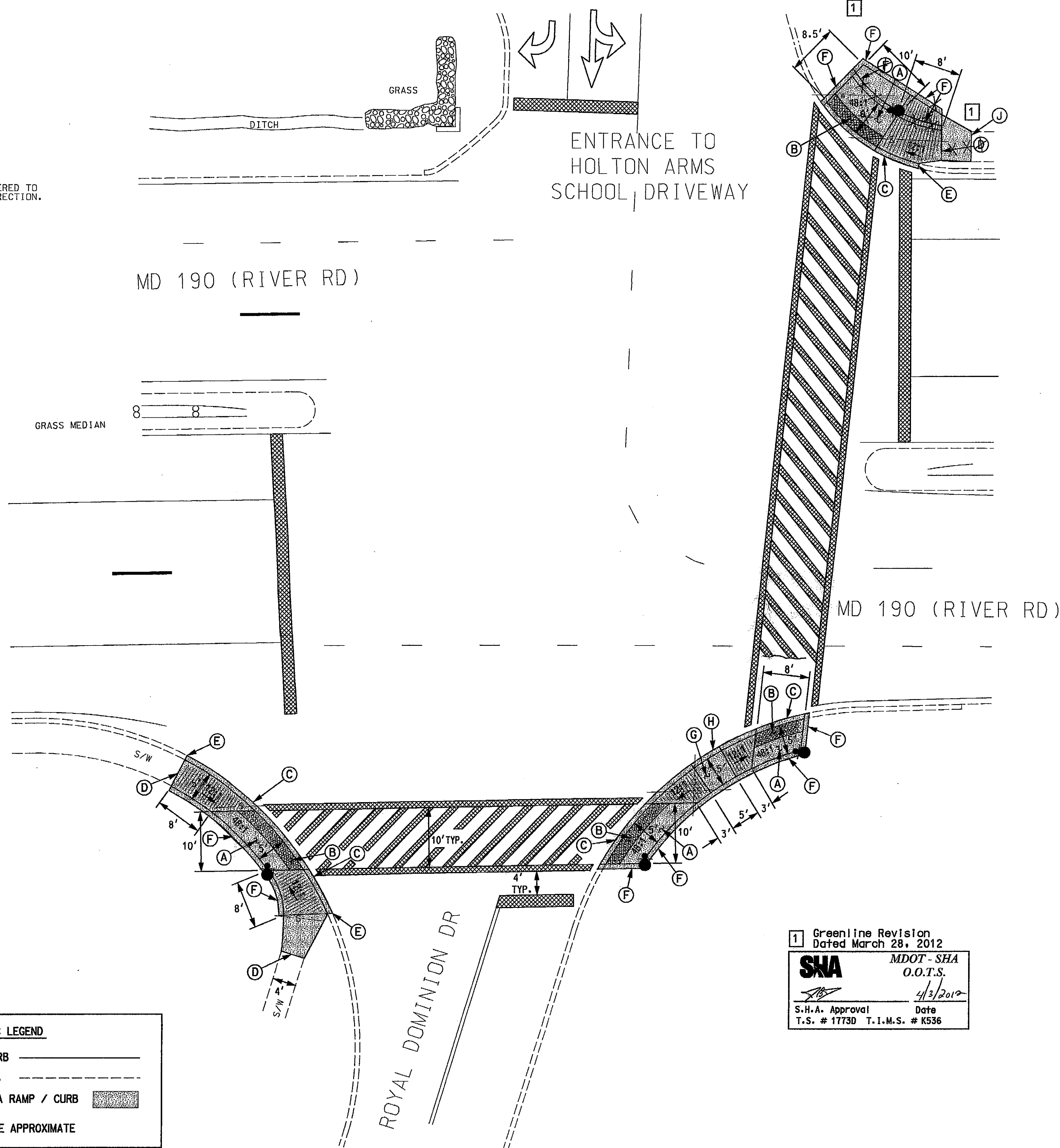
DRILL HOLES

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BORDER REV DATE: JUNE 1, 2004

NOTE: MD 190 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.



GEOMETRIC LEGEND

PROPOSED SIDEWALK / CURB _____

EXISTING SIDEWALK / CURB - - - - -

PROPOSED SIDEWALK / ADA RAMP / CURB [Hatched Box]

NOTE:
SIDEWALK JOINTS ARE APPROXIMATE

1 Greenline Revision
Dated March 28, 2012

SHA MDOT - SHA
O.O.T.S.

S.H.A. Approval Date
T.S. # 1773D T.I.M.S. # K536

APS NOTES:

1. Pushbuttons are to be located so that they can be activated by a person in a wheelchair reaching less than 18" from a 60"x 60" level landing area with a cross slope of less than or equal to 2%.
2. The 10' separation between pushbuttons is to be measured from face of pushbutton, not center to center of pole.
3. Pushbutton arrows are to be parallel to the crossing for which they are intended.
4. Location of accessible pedestrian signal pushbuttons must meet location requirements of MUTCD Sec. 4E.09 and Fig. 4E.2, and the NCHRP publication, "Accessible Pedestrian Signals: Guide To Best Practice". If not met, the contractor is to stop work on pushbutton locations until a design waiver is obtained, approved by the director, Office Of Traffic and Safety.

5. APS will function as follows:

TO CROSS RIVER ROAD

- a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross River at Royal Dominion wait."
- b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.

TO CROSS ROYAL DOMINION DRIVE

- a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Royal Dominion at River wait."
- b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.

CONSTRUCTION DETAILS

- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
- B. INSTALL DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40).
- C. INSTALL STANDARD TYPE "A" COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
- D. TIE IN RAMP WITH EXISTING SIDEWALK / CONCRETE APRON AT JOINT.
- E. TIE NEW CURB TO EXISTING CURB AT JOINT.
- F. INSTALL STANDARD TYPE "A" CURB.
- G. INSTALL 5" SIDEWALK AS SHOWN.
- H. INSTALL STANDARD TYPE "A" COMBINATION CURB AND GUTTER (3" HEIGHT) (STANDARD NO. MD 620.02).
- J. TIE IN PROPOSED SIDEWALK WITH EXISTING SIDEWALK.

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SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 190 (RIVER ROAD) AND ROYAL DOMINION DRIVE/HOLTON ARMS SCHOOL
BETHESDA, MD

ADA RAMP DETAIL PLAN

SCALE 1"= 10' DATE 10-3-2011 CONTRACT NO. XX3515168

DESIGNED BY R R ZACHERL COUNTY MONTGOMERY
DRAWN BY W J NIES LOGMILE 15019011.96
CHECKED BY TMS NO. K536
F.A.P. NO. TOD NO.

TS NO. 1773D DRAWING NO. 2 OF 3 SHEET NO. OF